

SAMPLE  
検査成績表  
<TEST REPORT>

品名<Model Name> ( 超絶縁計 )  
 ( <SUPER MEGOHMMETER> )  
 形名<Model Number> ( SM-8220 )  
 製造番号<Production No.> (No. 200512345 )  
 検査年月日<Test Date> ( 2020-05-01 )  
 ( <YYYY-MM-DD> )  
 検査条件<Test Condition> ( 25.0 °C , 50 %rh )

機能 <Function>	測定電圧 <Measurement Voltage>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
確度<Accuracy>			
測定電圧 <Measured Voltage Test>	10.00 V	9.70 V ~ 10.30 V	( 10.00 V )
	25.00 V	24.25 V ~ 25.75 V	( 25.00 V )
	50.0 V	48.5 V ~ 51.5 V	( 50.0 V )
	100.0 V	97.0 V ~ 103.0 V	( 100.0 V )
	250.0 V	242.5 V ~ 257.5 V	( 250.0 V )
	500 V	485 V ~ 515 V	( 500 V )
	1000 V	970 V ~ 1030 V	( 1000 V )

機能 <Function>	レンジ <Range>	測定電圧 <Measurement Voltage>	入力値 <Input Voltage>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
確度<Accuracy>					
抵抗測定 <Resistance Test>					
	×	1 MΩ	1000 V	5.00 MΩ	4.50 MΩ ~ 5.50 MΩ ( 5.00 MΩ )
	×	1 MΩ	1000 V	50.0 MΩ	45.0 MΩ ~ 55.0 MΩ ( 50.0 MΩ )
	×	10 <sup>1</sup> MΩ	1000 V	50.0 MΩ	45.0 MΩ ~ 55.0 MΩ ( 50.0 MΩ )
	×	10 <sup>1</sup> MΩ	1000 V	500 MΩ	450 MΩ ~ 550 MΩ ( 500 MΩ )
	×	10 <sup>2</sup> MΩ	1000 V	500 MΩ	450 MΩ ~ 550 MΩ ( 500 MΩ )
	×	10 <sup>2</sup> MΩ	1000 V	5.00 GΩ	4.50 GΩ ~ 5.50 GΩ ( 5.00 GΩ )
	×	10 <sup>3</sup> MΩ	1000 V	5.00 GΩ	4.50 GΩ ~ 5.50 GΩ ( 5.00 GΩ )
	×	10 <sup>3</sup> MΩ	1000 V	50.0 GΩ	45.0 GΩ ~ 55.0 GΩ ( 50.0 GΩ )
	×	10 <sup>4</sup> MΩ	1000 V	50.0 GΩ	45.0 GΩ ~ 55.0 GΩ ( 50.0 GΩ )
	×	10 <sup>4</sup> MΩ	1000 V	500 GΩ	450 GΩ ~ 550 GΩ ( 500 GΩ )
	×	10 <sup>5</sup> MΩ	10 V	5.00 GΩ	4.50 GΩ ~ 5.50 GΩ ( 5.00 GΩ )
	×	10 <sup>5</sup> MΩ	10 V	50.0 GΩ	45.0 GΩ ~ 55.0 GΩ ( 50.0 GΩ )
	×	10 <sup>6</sup> MΩ	10 V	50.0 GΩ	45.0 GΩ ~ 55.0 GΩ ( 50.0 GΩ )
	×	10 <sup>6</sup> MΩ	10 V	500 GΩ	450 GΩ ~ 550 GΩ ( 500 GΩ )
	×	10 <sup>7</sup> MΩ	10 V	500 GΩ	450 GΩ ~ 550 GΩ ( 500 GΩ )
	×	10 <sup>7</sup> MΩ	10 V	5.00 TΩ	4.50 TΩ ~ 5.50 TΩ ( 5.00 TΩ )
	×	10 <sup>8</sup> MΩ	10 V	5.00 TΩ	4.00 TΩ ~ 6.00 TΩ ( 5.00 TΩ )

備考

\*1 FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

\*2 測定精度では、測定回路への電圧擬似入力により設定電圧10Vでのリニア特性を確認しています。

< In Measuring Accuracy Test, a linear characteristic at the setting voltage 10V is confirmed by voltage pseudoinput to a measurement circuit.>

総合判定<Judgment>	担当者<Inspected by>	承認者<Approved by>
( PASS )	( )	( )

SAMPLE  
検査成績表  
<TEST REPORT>

品名<Model Name> ( 超絶縁計 )  
 ( <SUPER MEGOHMMETER> )  
 形名<Model Number> ( SM-8220 )  
 製造番号<Production No.> (No. 200512345 )

機能 <Function>	レンジ <Range>	(入力電圧) <Input Voltage>	入力値 <Input Value>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
確度<Accuracy>					
測定精度<Measuring Accuracy Test> *2					
×	1 MΩ	(10 mV)	0.050 MΩ	0.045 MΩ ~	0.055 MΩ ( 0.050 MΩ )
×	10 <sup>1</sup> MΩ		0.50 MΩ	0.45 MΩ ~	0.55 MΩ ( 0.50 MΩ )
×	10 <sup>2</sup> MΩ		5.0 MΩ	4.5 MΩ ~	5.5 MΩ ( 5.0 MΩ )
×	10 <sup>3</sup> MΩ		50 MΩ	45 MΩ ~	55 MΩ ( 50 MΩ )
×	10 <sup>4</sup> MΩ		500 MΩ	450 MΩ ~	550 MΩ ( 500 MΩ )
×	10 <sup>5</sup> MΩ		5.0 GΩ	4.5 GΩ ~	5.5 GΩ ( 5.0 GΩ )
×	10 <sup>6</sup> MΩ		50 GΩ	45 GΩ ~	55 GΩ ( 50 GΩ )
×	10 <sup>7</sup> MΩ		500 GΩ	450 GΩ ~	550 GΩ ( 500 GΩ )
×	10 <sup>8</sup> MΩ		5.0 TΩ	4.0 TΩ ~	6.0 TΩ ( 5.0 TΩ )
×	1 MΩ	(5 mV)	0.100 MΩ	0.090 MΩ ~	0.110 MΩ ( 0.100 MΩ )
×	10 <sup>1</sup> MΩ		1.00 MΩ	0.90 MΩ ~	1.10 MΩ ( 1.00 MΩ )
×	10 <sup>2</sup> MΩ		10.0 MΩ	9.0 MΩ ~	11.0 MΩ ( 10.0 MΩ )
×	10 <sup>3</sup> MΩ		100 MΩ	90 MΩ ~	110 MΩ ( 100 MΩ )
×	10 <sup>4</sup> MΩ		1.00 GΩ	0.90 GΩ ~	1.10 GΩ ( 1.00 GΩ )
×	10 <sup>5</sup> MΩ		10.0 GΩ	9.0 GΩ ~	11.0 GΩ ( 10.0 GΩ )
×	10 <sup>6</sup> MΩ		100 GΩ	90 GΩ ~	110 GΩ ( 100 GΩ )
×	10 <sup>7</sup> MΩ		1.00 TΩ	0.90 TΩ ~	1.10 TΩ ( 1.00 TΩ )
×	10 <sup>8</sup> MΩ		10.0 TΩ	8.0 TΩ ~	12.0 TΩ ( 10.0 TΩ )
×	1 MΩ	(1 mV)	0.500 MΩ	0.450 MΩ ~	0.550 MΩ ( 0.500 MΩ )
×	10 <sup>1</sup> MΩ		5.00 MΩ	4.50 MΩ ~	5.50 MΩ ( 5.00 MΩ )
×	10 <sup>2</sup> MΩ		50.0 MΩ	45.0 MΩ ~	55.0 MΩ ( 50.0 MΩ )
×	10 <sup>3</sup> MΩ		500 MΩ	450 MΩ ~	550 MΩ ( 500 MΩ )
×	10 <sup>4</sup> MΩ		5.00 GΩ	4.50 GΩ ~	5.50 GΩ ( 5.00 GΩ )
×	10 <sup>5</sup> MΩ		50.0 GΩ	45.0 GΩ ~	55.0 GΩ ( 50.0 GΩ )
×	10 <sup>6</sup> MΩ		500 GΩ	450 GΩ ~	550 GΩ ( 500 GΩ )
×	10 <sup>7</sup> MΩ		5.00 TΩ	4.50 TΩ ~	5.50 TΩ ( 5.00 TΩ )
×	10 <sup>8</sup> MΩ		50.0 TΩ	40.0 TΩ ~	60.0 TΩ ( 50.0 TΩ )

機能 <Function>	結果 <Result>
絶縁耐圧試験 <Withstanding Voltage Test>	【電源線-接地線間 AC1500V 10mA以下 印加時間60秒】 ( PASS ) <Applied AC 1500V for 60 seconds, current value is 10mA or less between power wire and eathing wire.>
絶縁抵抗試験 <Withstanding Registance Test>	【電源線-接地線間 100MΩ以上(DC1000V)】 ( PASS ) <Applied DC 1000V, registance value is 100MΩ or more between power wire and eathing wire.>
メータ指示試験 <Meter Indication Test>	【CAL値 0.97~1.03、AD値 RANGE × 10 <sup>7</sup> 以下:±70以内 RANGE × 10 <sup>8</sup> :±250以内】 ( PASS ) <CAL value 0.97~1.03, AD value in case RANGE × 10 <sup>7</sup> or less :Within ±70, in case RANGE × 10 <sup>8</sup> :Within ±250.>
アラーム、判定機能試験 <Alarm,Ditermination Function Test>	【正常に動作すること】 ( PASS ) <Operating nomally.>
安定度試験 <Stability Test>	【電源電圧±10%変化時、指示値の1%以内】 ( PASS ) <When the power-supply voltage change ±10%, the value indicate within 1% compared with the reading.>
充放電試験 <Charge-discharge Test>	【残留電圧4V以下】 ( PASS ) <Residual voltage is 4V or less.>
出力電流試験 <Output Current Test>	【2kΩ 短絡にて10mA以下】 ( PASS ) <Short circuit of 2kΩ, Current value is 10mA or less.>
HV-EN試験 <HV-EN Test>	【正常動作および動作時、出力電圧1V以下】 ( PASS ) <Operating nomally and output voltage is 1V or less.>
RS-232C試験 <RS-232C Test>	【RS-232Cで正常通信できること】 ( PASS ) <RS-232C can be communicated to PC nomally.>